A NEW SPECIES OF THE GENUS *ERGATETTIX* KIRBY FROM ZHEJIANG, CHINA (ORTHOPTERA, TETRIGOIDEA, TETRIGIDAE)

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Abstract A new species of the genus *Ergatettix* Kirby, 1914, namely *E. zhejiangensis* sp. nov. from Zhejiang of China is described in this paper. The new species is similar to *E. dorsifera* (Walker, 1871), but differs from the latter by: width of vertex larger than diameter of eye; frontal ridge with parallel carinae on both sides; median carina of pronotum waved distinctly, with 8 waves and length of hind femur is 3.0 time maximum width. The type specimens are deposited in College Life Sciences, Hebei University, Baoding, China.

Holotype ♂, paratype 1 ♀, Zhejiang, Cixi (30°18′N, 121°08′E), 27 Apr. 2010, collected by SU Lan.

Etymology. The specific epithet is named for Zhejiang, the type locality.

Key words Orthoptera, Tetrigoidea, Tetrigidae, *Ergatettix*, new species, China.

浙江突眼蚱属一新种 (直翅目,蚱总科,蚱科)

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摘 要 记述采自中国浙江蚱科突眼蚱属 *Ergatettix* Kirby, 1914 1 新种,浙江突眼蚱 *Ergatettix zhejiangensis* sp. nov.。新种同突眼蚱 *Ergatettix dorsifera* (Walker, 1871) 近似,其区别特征为:头顶宽大于复眼宽;前胸背板中隆线明显呈波状,具 8 个波;颜面隆起纵沟两侧隆线平行;后足股节长为最宽处的 3.0 倍。模式标本保存于河北大学生命科学学院。

关键词 直翅目,蚱总科,蚱科,突眼蚱属,新种,中国.

中图分类号 Q969.26

突眼蚱属 *Ergatettix* 由 Kirby 于 1914 年建立,模式种为突眼蚱 *Ergatettix dorsifera* (Walker, 1871) = *Tettix dorsifera* Walker, 1871 = *Euparatettix tarsalis* Kirby, 1914 = *Euparatettix pilosus* Hancock, 1909 [1908]; 模式标本产地为印度孟买 (India, Bombay)。模式标本 ♂,保存在英国伦敦大英自然历史博物馆 (BMNH London NH Mus.)。郑哲民、石福明 (2009 年)"突眼蚱属的分类研究及中国一新种记述"一文中记述突眼蚱属全世界 12 种,中国有 6 种,并附该属 12 种检索表。郑哲民、徐吉山 2010 年发表采于云南的 1 新种,宽顶突眼蚱 *Ergatettix lativertex* Zheng *et* Xu, 2010。到目前为止,突眼蚱属已知 13 种,分布在中国的 7 种。笔者在鉴定 2010 年采于浙江的蚱标本中发现 1 新种,浙江突眼蚱 *Ergatettix zhejiangensis* sp. nov.,记述如下。模式标本保存于河北大学生命科学学院。

浙江突眼蚱,新种 *Ergatettix zhejiangensis* sp. nov. (图 1 ~ 6)

雄 (图 1 ~ 3) 体小型,头部略突出于前胸背板水平之上,背面观头顶在复眼间的宽度为复眼横径的 1.1 倍;前缘平直,不突出于复眼之前,中隆线

This research was supported by National Natural Science Foundation of China (31272293). (国家自然科学基金资助项目 (31272293))

Received 5 Dec. 2012, accepted 28 Mar. 2013.

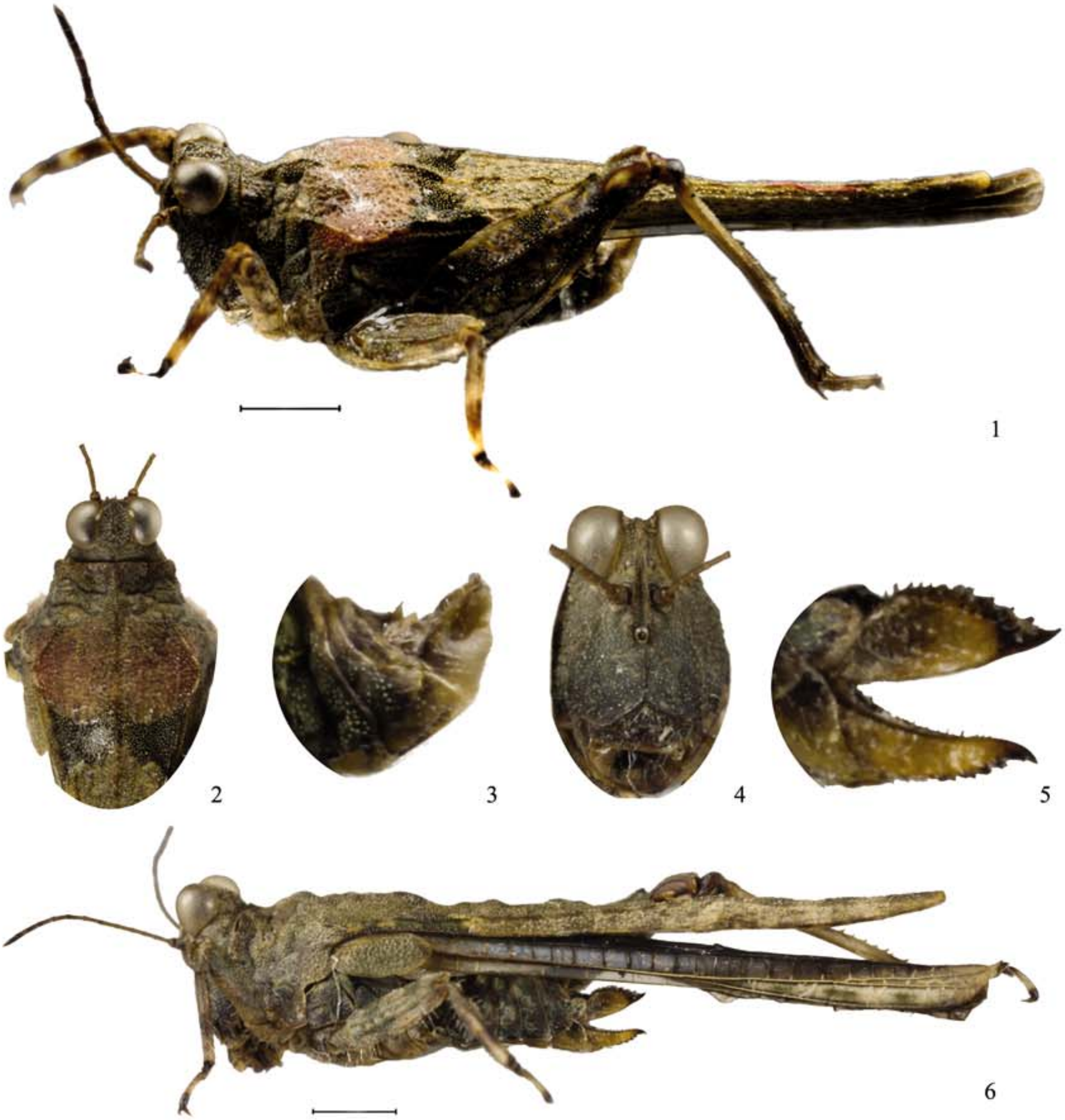

图 1 ~ 6 浙江突眼蚱，新种 *Ergatettix zhejiangensis* sp. nov.
1 ~ 3. ♂ 4 ~ 6. ♀ 1, 6. 整体（body）2. 头和前胸背板（head and pronotum）3. 下生殖板（subgenital plate）4. 颜面隆起（frontal ridge）5. 产卵瓣（ovipositor valves）1, 3, 5 ~ 6. 侧面观（lateral view）2. 背面观（dorsal view）比例尺（scale bars）: 1, 6 = 1 mm

明显；侧面观颜面隆起在触角之间弧形突出，颜面隆起纵沟在触角之间部分的宽度略狭于触角柄节宽，纵沟两侧隆线平行。触角丝状，着生于复眼下缘之下，14 节，中段节长为宽的 3 ~ 4 倍。复眼圆球形，突出，银灰色；中单眼位于颜面中部。前胸背板背面密布小瘤突；前缘平直，中隆线全长明显，侧面观背板上缘呈波状，具 8 个波，在肩部前隆起较高；沟前区侧隆线不平行，前端向内；肩角钝角形；后突楔状，超过后足胫节端部，顶端圆形；前胸背板侧片后缘具 2 个凹陷，后角向下，顶圆形。前翅长卵形；后翅极长，超过前胸背板端部。前足股节上、下缘平直。中足股节上缘、下缘几乎平直，中足股节的宽度等于前翅宽。后足股节粗壮，长为最宽处的 3.0 倍；膝前齿钝，膝齿尖。后足胫节外侧具 6 ~ 7 刺，内侧具 5 ~ 6 刺；后足跗节细长，第 1 节长于第 3 节，第 1 节下之第 1 垫大于第 2、3 垫。下生殖板宽短锥形，末端钝。体黄褐色，前胸背板背面具 2 个大黑斑外，散布一些小黑斑。前、中足黄褐色，具暗色环纹。后足股节黄褐色，上侧具 3 个不明显的暗色斑纹，后足胫节黄褐色。

雌（图 4 ~ 6） 体较雄性为大。产卵瓣较宽，上瓣之长为最宽处的 2.5 倍，上瓣上缘、下瓣下缘均具齿，顶端尖锐，略弯。下生殖板长大于宽，后缘平直，中央略三角形突出。余同雄性相似。

体长：♂ 5.0 mm，♀ 6.1 mm。前胸背板长：♂ 8.1 mm，♀ 9.9 mm。后足股节长：♂ 3.8 mm，♀

4.5 mm。

正模♂，副模1♀，浙江慈溪，2010-04-27，苏兰采。

新种同突眼蚱 *Ergatettix dorsifera*（Walker, 1871）近似，其区别特征见表1。

词源：新种种名源自模式标本产地地名。

表1 浙江突眼蚱和突眼蚱特征比较

Table 1. Comparison of *Ergatettix zhejiangensis* sp. nov. and *E. dorsifera* (Walker, 1871).

	浙江突眼蚱，新种 *Ergatettix zhejiangensis* sp. nov.	突眼蚱 *E. dorsifera*（Walker, 1871）
头顶宽背面观 Width of vertex dorsal view	大于复眼宽 Larger than diameter of eye	小于复眼宽 Smaller than diameter of eye
颜面隆起纵沟 Frontal ridge	两侧隆线平行 With parallel carinae on both sides	两侧隆线不平行 With unparallel carinae on both sides
前胸背板中隆线 Median carina of pronotum	明显波状，8个波 Waved distinctly with 8 waves	略呈波状，5个波 Waved slightly, with 5 waves
后足股节 Hind femur	长为最宽处的3.0倍 Length is 3.0 times maximum width	长为最宽处的2.6倍 Length is 2.6 times maximum width

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